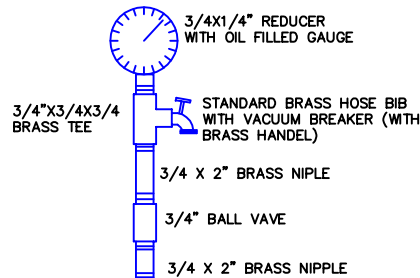


PRESSURE REDUCING STATION (TOP VIEW)

SIZE CHART

WATER MAINLINE SIZE	REQUIRED P.R.V. SIZE
6"	4"
8"	6"
10"	8"
12"	10"
14"	12"
16"	12"



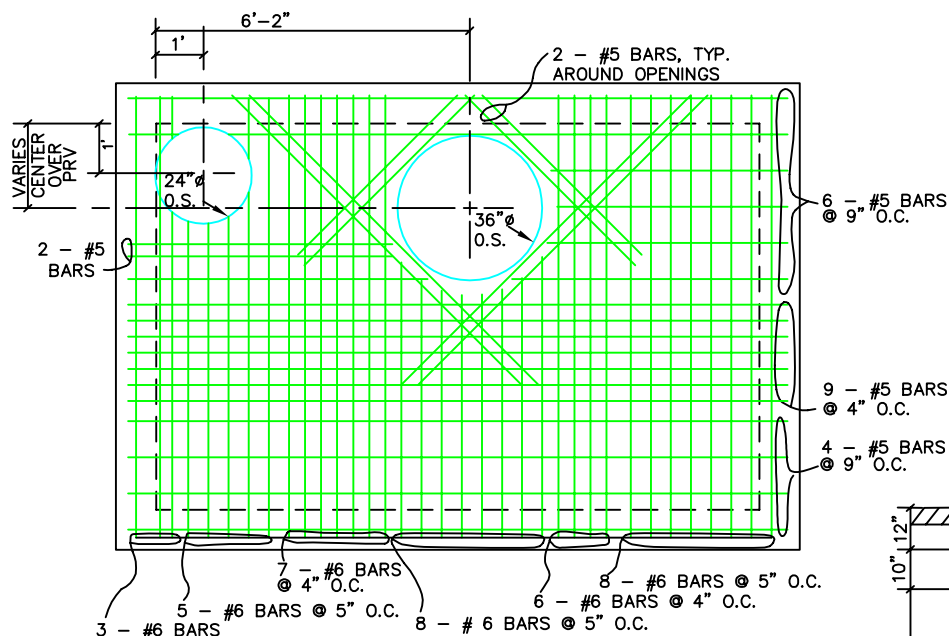
DETAIL OF ITEM #10

ITEM DESCRIPTION

- | | |
|---|---|
| <p>① DUCTILE IRON TEE (FLxFLxFL)</p> <p>② DUCTILE IRON REDUCER (MJxMJ)</p> <p>③ GATE VALVE (FLxFL) WITH HAND WHEEL</p> <p>④ SOLID SLEEVE WITH ROMAC GRIP RING</p> <p>⑤ PRESSURE REDUCING, PRESSURE SUSTAINING VALVE (FLxFL) (SIZE AS INDICATED ON SIZE CHART) (CLA-VAL ONLY WITH SIGHT INDICATOR MODEL # 92-01)</p> <p>⑥ DUCTILE IRON SPOOL (FLxPE)</p> <p>⑦ DUCTILE IRON SPOOL (FLxFL) - 12" LONG</p> <p>⑧ STEPS (6 @ 12") M.A. INDUSTRIES, INC. PSI-PF OR EQUAL</p> <p>⑨ JACK STAND FOR PIPE SIZE AS SHOWN (SEE WTR 13)</p> <p>⑩ 3/4" IP TAP, 3/4"x 2" BRASS NIPPLE, 3/4" BALL VALVE, 3/4"x2" BRASS NIPPLE, 3/4"x3/4"x3/4" BRASS TEE, 3/4"x1/4" REDUCER, WITH OIL FILLED GAUGE, STANDARD BRASS HOSE BIB WITH VACUUM BREAKER, (WITH BRASS HANDLE)</p> <p>⑪ FLOOR DRAIN (24"x24") OPENING</p> | <p>⑫ REDUCING FLANGE (FLx2"TH)</p> <p>⑬ 2" BRASS NIPPLE (THxTH) - 4" LONG</p> <p>⑭ 2" BRASS 90 ELL (THxTH)</p> <p>⑮ 2" BRASS NIPPLE LONG (THxTH)</p> <p>⑯ 2" BRASS BALL VALVE (THxTH)</p> <p>⑰ DUCTILE IRON FL x PE SPOOL</p> <p>⑱ 2" BRASS COMPRESSION COUPLINGS WITH RESTRAINTS</p> <p>⑲ 2" PRESSURE REDUCING / PRESSURE SUSTAINING VALVE (THxTH) (CLA-VAL ONLY WITH SIGHT INDICATOR MODEL # 92-01)</p> |
|---|---|

NOT TO SCALE

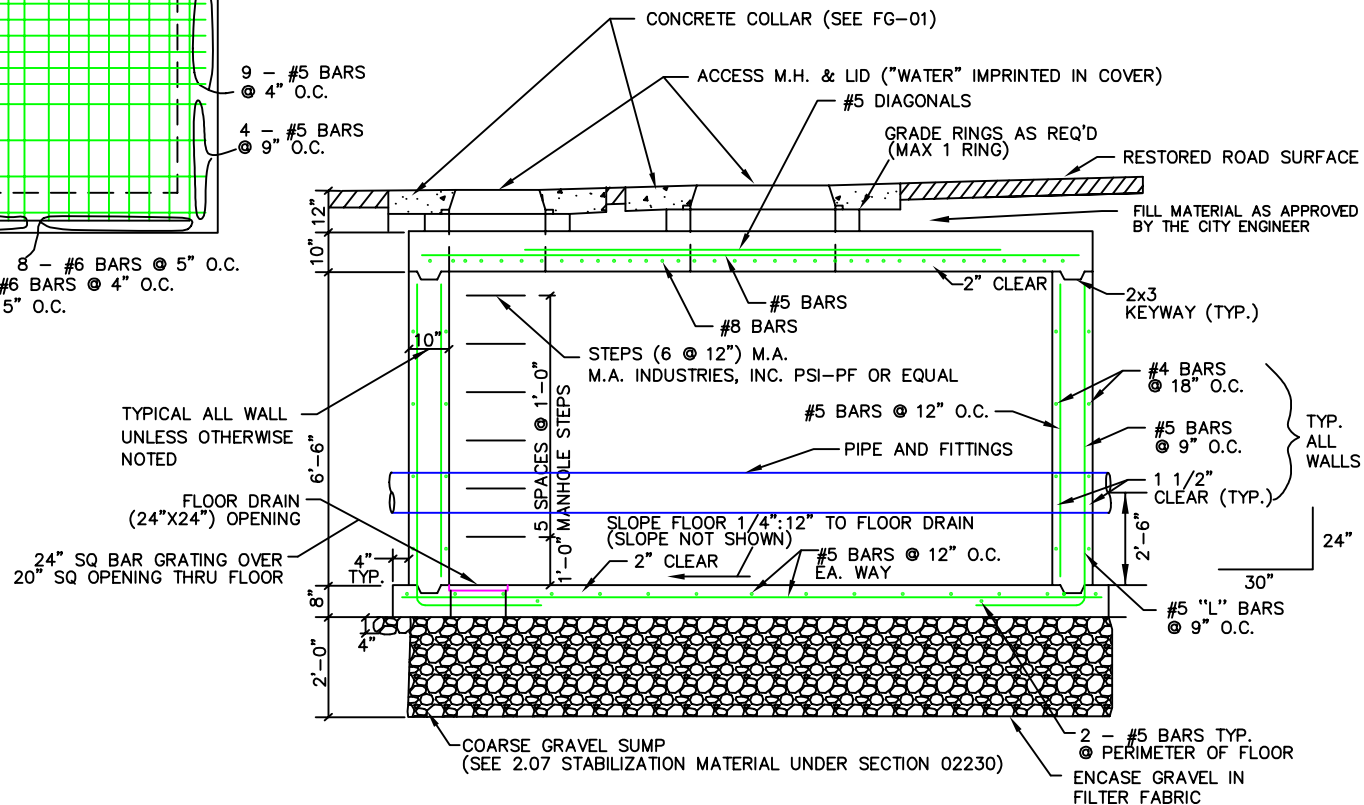
1	CC	CREATED	6/2017		STANDARD DETAIL PUBLIC UTILITIES WTR-17 PRESSURE REDUCING STATION PAGE 1 OF 2
NO.	AUTHORIZED BY	REVISIONS	DATE		



ROOF REINFORING DETAIL

NOTES:

- 1- ALL BOXES TO BE STRUCTURALLY DESIGNED FOR HS 20 LOADING
- 2- MANHOLE RING & COVER SHALL BE D&L SUPPLY CO. NO'S.
A-1460 - FOR 36" CLEAR OPENING
A-1181 - FOR 24" CLEAR OPENING
- 3- ACCESS M.H. & LID SHALL IMPRINT "WATER" IN COVER
- 4- ALL RE-BAR SHALL CLEAR END OF SLAB AND FACE OF WALL BY 3"
- 5- WHEN VAULT IS LOCATED IN THE ROAD, LOWER THE VAULT 12" BELOW GRADE
ADD FILL MATERIAL BETWEEN ASPHALT AND TOP OF VAULT AS APPROVED BY CITY ENGINEER



WALL & FLOOR REINFORING SECTION

NOT TO SCALE

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WTR-17
PRESSURE REDUCING STATION
PAGE 2 OF 2